LABDEX

Automatic Potentiometric Titrator LX200APT

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Description

Automatic Potentiometric Titrator LX200APT is an advanced analytical instrument designed for precise and efficient titration of various chemical substances. It automates the titration process by using potentiometric detection to accurately determine the endpoint, making it ideal for acid-base, redox, complexometric and precipitation titrations. Its compact design and compliance with regulatory standards make it suitable for both routine quality control and research applications.

Specifications

Measurement range	0 ~ ± 1400 mV, 014.00 pH
Resolution	1 mV, 0.01 pH
Accuracy	pH: ± 0.03 pH; mV: ± 5 mV
Fluctuation	± 0.01 pH / 3 h
Power supply	AC 220 ± 22 V; 50 Hz
External dimension	370 x 305 x 330 mm
Net weight	5 Kg
Packing dimension	400 x 350 x 400 mm
Gross weight	8 Kg

Features

- LCD display screen
- Supported two titration modes that is SET (pre-set titration mode) and MAT (manual titration)
- Stirrer is included
- Glass Burette is preferable

Applications

- It is widely used in industries such as pharmaceuticals, food and beverage, environmental testing, and chemical manufacturing for acid-base, redox, and complexometric titrations. With its precise endpoint detection and automated operation, also improves efficiency, reduces human error, and ensures consistent, reliable results in both quality control and research laboratory settings.

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